LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014400.D
Acq On : 17 Dec 2019 18:34
Operator : SY/VA
Sample : K6277-18RE
Misc : 4.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0C59RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	36	41	50	rBV2	21190	50225	2.22%	0.376%
2	2.349	67	73	81	rVB	168600	291480	12.88%	2.180%
3	2.885	154	161	174	rVB	118979	287017	12.69%	2.147%
4	3.385	238	243	249	rVB6	1460	3593	0.16%	0.027%
5	3.471	255	257	261	rBV3	1081	1377	0.06%	0.010%
6	3.556	269	271	278	rVB5	1369	2448	0.11%	0.018%
7	3.702	292	295	296	rVV	930	911	0.04%	0.007%
8	3.794	306	310	313	rVB5	997	1137	0.05%	0.009%
9	3.830	313	316	319	rBV2	778	1292	0.06%	0.010%
10	3.897	325	327	333	rBV5	675	1054	0.05%	0.008%
11	4.019	335	347	358	rBV	210825	675085	29.84%	5.050%
12	4.117	358	363	375	rVB	32675	89615	3.96%	0.670%
13	4.385	399	407	415	rVV3	7155	21757	0.96%	0.163%
14	4.489	421	424	428	rVB3	982	1458	0.06%	0.011%
15	4.915	483	494	509	rBV4	24035	90613	4.00%	0.678%
16	5.153	528	533	534	rVV4	1597	2958	0.13%	0.022%
17	5.421	573	577	579	rBV2	1029	1407	0.06%	0.011%
18	5.501	583	590	591	rVB4	958	1305	0.06%	0.010%
19	5.586	601	604	607	rVB3	1159	1202	0.05%	0.009%
20	5.940	651	662	673	rBV6	6546	20360	0.90%	0.152%
21	6.135	687	694	696	rBV4	978	1823	0.08%	0.014%
22	6.659	778	780	783	rBV3	966	1395	0.06%	0.010%
23	6.763	796	797	802	rVB3	783	1136	0.05%	0.008%
24	6.903	817	820	823	rBV3	840	1319	0.06%	0.010%
25	7.080	839	849	852	rBV	72069	190533	8.42%	1.425%
26	7.384	895	899	900	rVB3	960	1108	0.05%	0.008%
27	7.464	910	912	917	rVB4	977	1013	0.04%	0.008%
28	7.647	932	942	953	rBV	417142	1009616	44.62%	7.552%
29	7.756	958	960	962	rVV3	1468	978	0.04%	0.007%
30	7.951	986	992	1001	rVB8	3459	8244	0.36%	0.062%
31	8.268	1033	1044	1060	rBV2	785063	2262611	100.00%	16.924%
32	8.500	1079	1082	1085	rVB5	1113	1422	0.06%	0.011%
33	8.695	1110	1114	1121	rVV9	1925	4551	0.20%	0.034%
34	8.842	1130	1138	1148	rVV	754457	1524610	67.38%	11.404%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014400.D
Acq On : 17 Dec 2019 18:34
Operator : SY/VA
Sample : K6277-18RE
Misc : 4.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0C59RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Title : VOC Analysis

35	9.006	1161	1165	1167	rVB3	797	899	0.04%	0.007%
36	9.073	1172	1176	1180	rVB7	2215	4179	0.18%	0.031%
37	9.146	1187	1188	1192	rVB2	1330	1444	0.06%	0.011%
38	9.274	1200	1209	1222	rBV	607538	1244073	54.98%	9.305%
39	9.402	1228	1230	1232	rVB3	1622	1267	0.06%	0.009%
40	9.451	1236	1238	1242	rBV3	731	1069	0.05%	0.008%
41	9.671	1270	1274	1277	rVV4	1393	2013	0.09%	0.015%
42	9.750	1285	1287	1290	rBV3	1015	1120	0.05%	0.008%
43	9.799	1292	1295	1296	rBV3	794	903	0.04%	0.007%
44	9.890	1307	1310	1311	rVB2	1311	1321	0.06%	0.010%
45	10.030	1326	1333	1344	rBV	157734	292308	12.92%	2.186%
46	10.128	1344	1349	1355	rVB8	1922	4158	0.18%	0.031%
47	10.207	1357	1362	1368	rBV3	4685	9221	0.41%	0.069%
48	10.323	1372	1381	1389	rBV	859814	1514734	66.95%	11.330%
49	10.481	1405	1407	1413	rBV6	1279	2296	0.10%	0.017%
50	10.579	1416	1423	1432	rBV	76191	137592	6.08%	1.029%
51	10.701	1438	1443	1449	rVB2	23014	38142	1.69%	0.285%
52	10.805	1458	1460	1462	rBV2	1250	1102	0.05%	0.008%
53	10.920	1473	1479	1493	rBV	219709	421827	18.64%	3.155%
54	11.061	1497	1502	1513	rVB	33040	60958	2.69%	0.456%
55	11.170	1518	1520	1525	rVB4	2968	4620	0.20%	0.035%
56	11.347	1547	1549	1550	rVB2	1769	932	0.04%	0.007%
57	11.396	1554	1557	1559	rBV4	1192	1650	0.07%	0.012%
58	11.439	1559	1564	1572	rVB3	12636	21893	0.97%	0.164%
59	11.628	1588	1595	1609	rVB	686398	1170124	51.72%	8.752%
60	12.067	1665	1667	1671	rVB4	1316	1279	0.06%	0.010%
61	12.158	1679	1682	1684	rBV3	1320	1640	0.07%	0.012%
62	12.347	1709	1713	1716	rVB5	1011	1062	0.05%	0.008%
63	12.469	1730	1733	1736	rVB4	1680	1841	0.08%	0.014%
64	12.609	1749	1756	1762	rVB	52160	84290	3.73%	0.630%
65	12.688	1762	1769	1777	rBV	340290	583773	25.80%	4.367%
66	12.762	1779	1781	1783	rVV3	1345	1301	0.06%	0.010%
67	12.829	1786	1792	1800	rVB10	3310	7045	0.31%	0.053%
68	12.932	1804	1809	1816	rVV	15998	24752	1.09%	0.185%
69	13.036	1823	1826	1829	rBV4	1654	2234	0.10%	0.017%
70	13.170	1846	1848	1850	rVV3	1074	1350	0.06%	0.010%
71	13.194	1850	1852	1855	rVV3	2391	3256	0.14%	0.024%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014400.D
Acq On : 17 Dec 2019 18:34
Operator : SY/VA
Sample : K6277-18RE
Misc : 4.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0C59RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Title : VOC Analysis

72	13.231	1855	1858	1859	rVV3	1883	2546	0.11%	0.019%
73	13.292	1863	1868	1875	rVB3	8674	16419	0.73%	0.123%
74	13.408	1882	1887	1892	rVB7	3253	5188	0.23%	0.039%
75	13.463	1892	1896	1901	rBV5	15805	28646	1.27%	0.214%
76	13.560	1905	1912	1924	rVV	259134	438347	19.37%	3.279%
77	13.761	1940	1945	1948	rBV6	4842	8127	0.36%	0.061%
78	13.792	1948	1950	1953	rBV4	1881	2726	0.12%	0.020%
79	13.853	1953	1960	1966	rBV	296975	496625	21.95%	3.715%
80	13.944	1974	1975	1979	rVB4	1795	1852	0.08%	0.014%
81	14.017	1985	1987	1990	rBV3	2081	2512	0.11%	0.019%
82	14.066	1991	1995	2004	rVB2	26583	45340	2.00%	0.339%
83	14.200	2011	2017	2022	rBV8	4315	10361	0.46%	0.077%
84	14.298	2031	2033	2034	rBV2	2320	1569	0.07%	0.012%
85	14.322	2034	2037	2041	rVV5	5354	8951	0.40%	0.067%
86	14.499	2062	2066	2067	rVV3	1951	2363	0.10%	0.018%
87	14.523	2067	2070	2076	rVV7	2142	4334	0.19%	0.032%
88	14.572	2076	2078	2082	rVB5	1243	1561	0.07%	0.012%
89	14.725	2100	2103	2106	rVB5	1876	2262	0.10%	0.017%
90	14.950	2137	2140	2142	rBV3	1740	2185	0.10%	0.016%
91	15.042	2151	2155	2157	rBV4	1949	2858	0.13%	0.021%
92	15.097	2162	2164	2165	rBV2	1394	1325	0.06%	0.010%
93	15.231	2184	2186	2187	rBV	1817	1307	0.06%	0.010%
94	15.438	2214	2220	2225	rVB2	35794	58985	2.61%	0.441%
95	15.493	2225	2229	2233	rVB4	3216	4201	0.19%	0.031%
96	15.627	2249	2251	2254	rBV3	1623	1753	0.08%	0.013%
97	15.737	2265	2269	2270	rBV4	1216	1697	0.08%	0.013%
98	16.035	2316	2318	2321	rBV3	1295	1375	0.06%	0.010%
99	16.304	2360	2362	2365	rBV4	1878	1958	0.09%	0.015%
100	16.627	2413	2415	2419	rVB5	1541	1556	0.07%	0.012%

Sum of corrected areas: 13369250

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014400.D
Acq On : 17 Dec 2019 18:34
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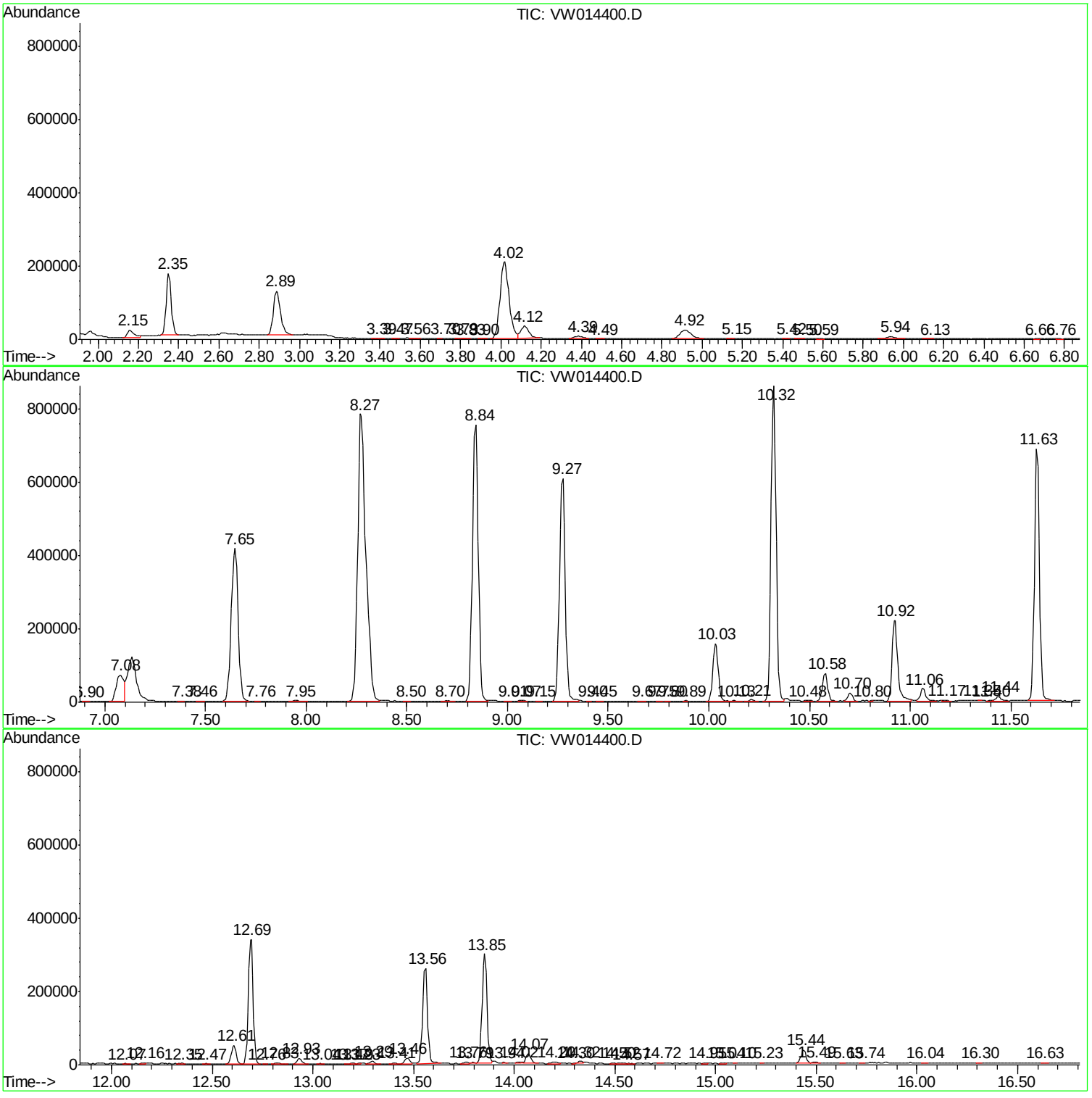
Misc : 4.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0C59RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014400.D
Acq On : 17 Dec 2019 18:34
Operator : SY/VA
Sample : K6277-18RE
Misc : 4.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0C59RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

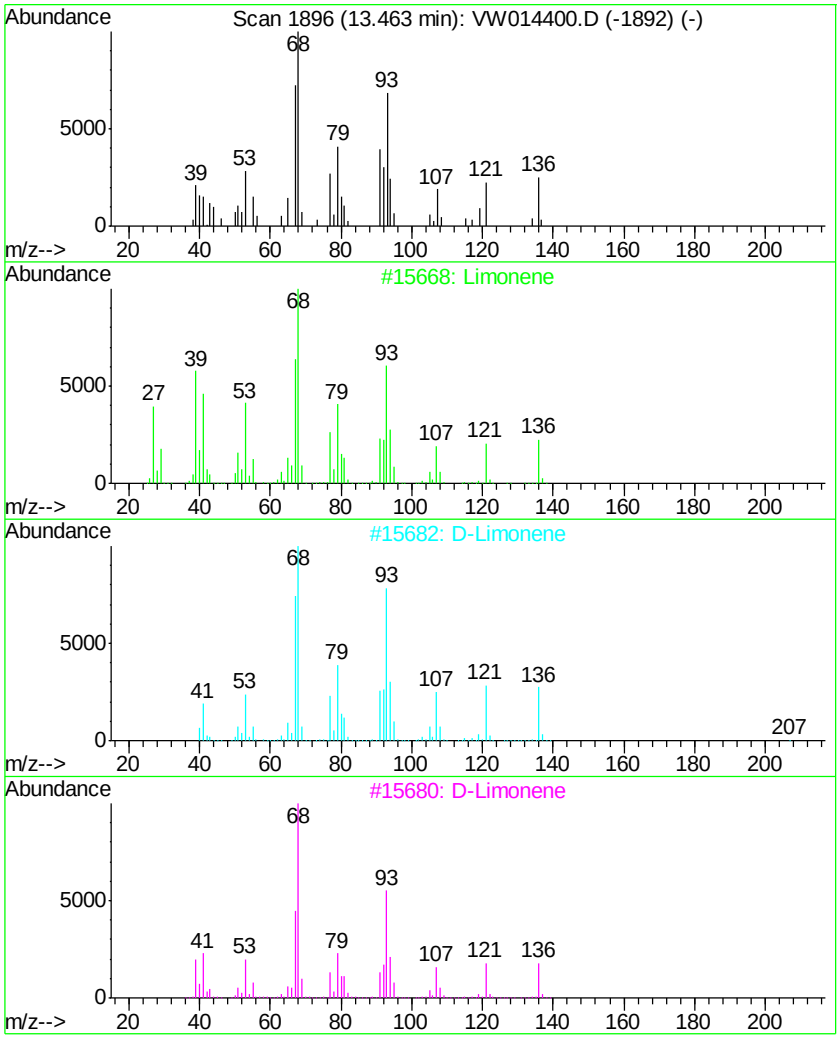
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

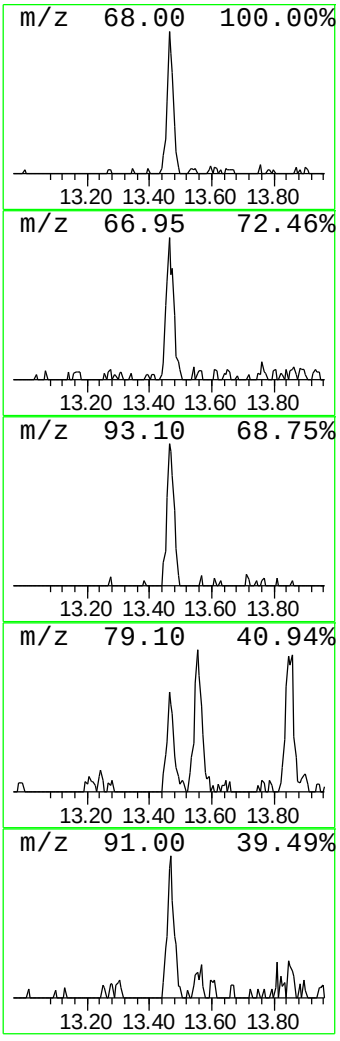
****

Peak Number 5 Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	1.63 ug/L	28646	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Limonene	136	C10H16	000138-86-3	94
2	D-Limonene	136	C10H16	005989-27-5	93
3	D-Limonene	136	C10H16	005989-27-5	87
4	D-Limonene	136	C10H16	005989-27-5	87
5	D-Limonene	136	C10H16	005989-27-5	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Data File : VW014400.D
Acq On : 17 Dec 2019 18:34
Operator : SY/VA
Sample : K6277-18RE
Misc : 4.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0C59RE

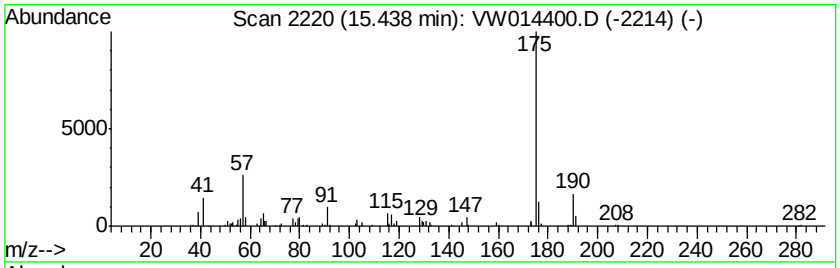
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

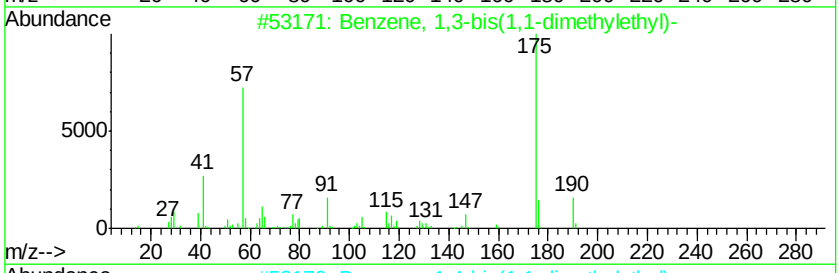
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

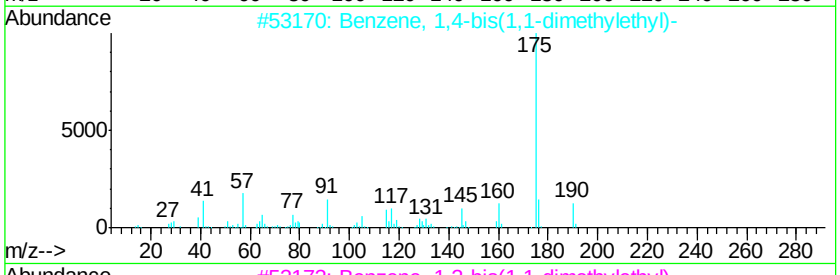
****
Peak Number 7 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 3

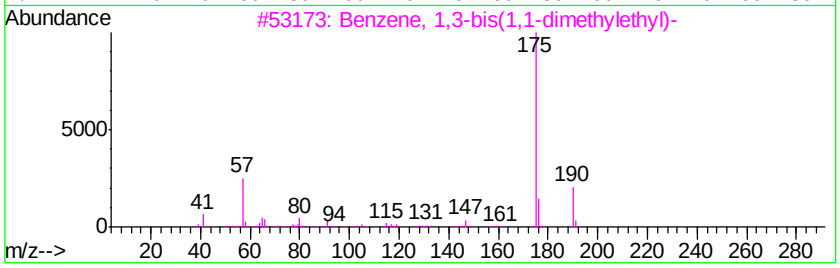
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	3.36 ug/L	58985	1,4-Dichlorobenzene-d4	13.56

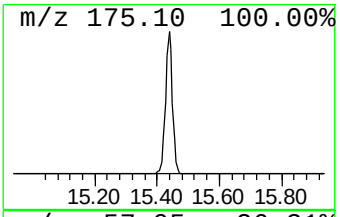
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
2	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	87
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
5	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	81

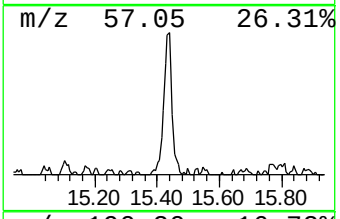


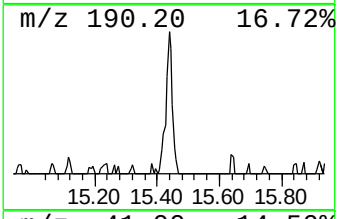


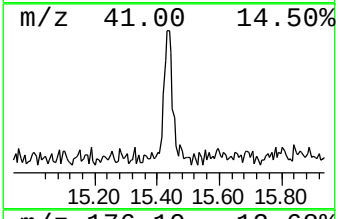


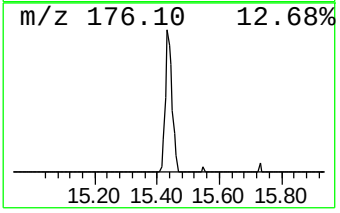












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Data File : VW014400.D
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Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0C59RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Limonene	13.46	1.6	ug/L	28646	3	13.56	438347	25.0
Benzene, 1,3-bis(...	15.44	3.4	ug/L	58985	3	13.56	438347	25.0